



**Starting Date:** September 2014

**Schmidt Ocean Institute** is currently seeking highly experienced candidates for the shipboard position of **Marine Technician**. The opening is a unique opportunity to join this young organization to fulfill a full-time seagoing position in support of a 275'/82.9m oceanographic research vessel. The Marine Technician will work on the R/V FALKOR vessel approximately 6 months per year.

The Marine Technician may be required to work remotely when not sailing aboard the ship or attending training or conferences. The ship's Marine Technicians provide shipboard technical and science logistical support for all science cruise-related activities, including but not limited to, pre-cruise planning and set-up, on-shore and off-shore scientific technical support of all shared-use instrumentation and equipment, and cruise mobilization and demobilization. The Marine Technicians will source, acquire, install, configure, operate, maintain and troubleshoot all scientific equipment aboard the vessel.

All of the Schmidt Ocean Institute Marine Technicians rotate an additional duty as the "Cruise Coordinator." This duty includes serving as the science parties' and contractors' shipboard point-of-contact during the pre-cruise planning periods, as well as during the cruises.

Regular duties of the Marine Technician will be similar to the duties described in the document "*Knowledge and Skill Guidelines for Marine Technicians Who Work Aboard Research Vessels*":

<http://www.marinetech.org/files/marine/files/Workforce/KSG.OITfinal.9.10.10lr.pdf>

The Marine Technicians may attend training courses and conferences.

**Requirements:**

- Advanced degree in marine science, physical or engineering science or a combination of technical schooling and job experience
- Minimum 5 years of marine technician experience
- All citizenships welcomed to apply. Non-US applicants must have a B-1 Visa to work in the US.
- Must be fluent in speaking, reading and writing the English language.

**Qualifications Desired:**

- Posses a valid drivers license
- STCW-95 certificates covering Basic Safety Training which includes First Aid and CPR

## **Experience Desired:**

- Extensive experience at-sea aboard ocean or global class research vessels supporting shipboard science
- Familiar in use of science winches
- Familiar with deck operations and over-the-side deployments
- Demonstrated knowledge of marine circuitry
- Advanced computer literacy required, computer programming and windows based networking skills
- Experienced in use of hand-held power tools
- Installation, testing, operation, interpretation and maintenance of the following echo sounding systems:
  - EA600
  - EK60
  - EM710
  - EM302
  - Knudsen Chirp 3260
  - RDI ADCP 75kHz and 300kHz
  - Sonardyne USBL
  - KSYNC
  - SH90
- Installation, testing, operation, interpretation and maintenance of the following multidisciplinary science systems:
  - Meteorological monitoring systems
  - Science navigation systems (Hypack and/or Winfrog)
  - Winch and wire monitoring systems
  - Thermosalinographs (SBE 45)
  - CTDs, Rosettes and Niskin bottles
  - Shipboard Data Logging system experience, SCS preferred
  - Science navigation equipment (Seapath/PosMV/GPS/GNSS)
  - XBT
  - Sound Velocity Profilers
- Skills with various data acquisition and processing software:
  - SBE Data Processing
  - CARIS
  - MBSYSTEM
  - Fledermaus
  - GIS
  - Microsoft Office (or similar)
  - Windows/Linux/Mac
  - Adobe Acrobat

## **Contact:**

To apply, send a letter of interest and a resume / CV to [jobs@schmidtocean.org](mailto:jobs@schmidtocean.org) that very clearly outlines how you meet the above minimum requirements.